

CHINMAYA VIDYALAYA, KUNNUMPURAM

ANNUAL EXAMINATION 2019-2020

STD:VI

BIOLOGY

Marks:60

Time:2hrs

General Instructions

- 1. Read all the questions thoroughly before writing the answers.*
 - 2. Remember that handwriting and spelling will be taken into account.*
 - 3. You are not allow to borrow or lent any material in the examination hall.*
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I. Name the following

(5X1=5)

1. A viral disease spread by the bite of a dog.
2. The organelle that controls all activities in a cell.
3. A disease that weakens body's defence system against infection.
4. The scientist who coined the term 'cell'.
5. One plant in which seed dispersal takes place through wind.

II. Fill in the blanks

(5X1=5)

1. In a cactus plant, photosynthesis occurs in.....
2. Deficiency of vitamin D causes..... in children.
3. The two lower chambers of the heart are called.....
4. The instrument used to find out the blood pressure is known as.....
5. Pellagra is caused by the deficiency of.....

III. Correct the following statements

(5X1=5)

1. Birds have solid heavy bones.
2. The pulmonary vein takes the blood from the ventricles to the lungs.
3. A nerve cell is spherical in shape.
4. Blood capillary is a vein with large lumen.
5. Malaria is caused by bacteria.

IV. Find the odd one and explain your answer

(3X2=6)

1. Mumps, Measles, Pneumonia
2. Green plants, Animals, Soil
3. Proteins, Cancer, Carbohydrates

V. Give reason

(3X2=6)

1. Regular exercise and proper rest is a must.
2. The cell membrane is called selectively permeable membrane.
3. Blood is red in colour.

VI. Match the following

(6X¹/₂=3)

- | | | |
|--------------|---|----------------------|
| 1. Vitamin A | - | Weak bones and teeth |
| 2. Iodine | - | Rickets |
| 3. Vitamin C | - | Night blindness |
| 4. Vitamin B | - | Goitre |
| 5. Vitamin D | - | Beri-beri |
| 6. Calcium | - | Scurvy |

VII. Define the following

(3X1=3)

1. Allergy
2. Blood pressure
3. Habitat

VIII. Answer the following

1. What is meant by adaptation? **(1)**
 2. How can you control the spreading of diseases by mosquitoes and houseflies? **(2)**
 3. Name two types of terrestrial habitats with low temperatures. **(2)**
 4. What are non- infectious diseases? Write two examples. **(2)**
 5. You can see some blood vessels on the outside of the hands specially in older people.
Are those veins or arteries? How can you confirm your answer? **(2)**
 6. Explain cell theory? **(2)**
 7. Describe the ways in which communicable diseases are transmitted through various
Indirect methods. **(3)**
 8. Write any three functions of the blood. **(3)**
 9. What are arteries and veins? Mention any three differences. **(3)**
 10. Explain the adaptations in water lily which help them to live in water. **(3)**
 11. Draw a neat labelled diagram of a fish, showing aquatic adaptation. **(4)**
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